



SEQUENCE LISTING

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Deroose, Richard
Hoffman, Jules

<120> GENE CODING FOR ANDOCTONINE, VECTOR
CONTAINING SAME AND TRANSFORMED DISEASE RESISTANT PLANTS
OBTAINED

<130> A33002-PCT-USA (072667.0124)

<140> 09/486,094

<141> 2000-07-17

<150> PCT/FR98/01814

<151> 1998-08-18

<150> FR97/10632

<151> 1997-08-20

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 110

<212> DNA

<213> Androctonus australis

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<210> 2

<211> 25

<212> PRT

<213> Androctonus australis

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1 5 10 15
Tyr Tyr Lys Cys Thr Asn Arg Pro Tyr
20 25

<210> 3

<211> 106

<212> DNA

<213> Androctonus australis

<400> 3

gcgtcgacgc catgggtttc gtgcttttct ctcagcttcc atctttcctt cttgtgtcta 60
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<213> *Androctonus australis*

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Thr Leu Leu Leu Phe Leu Val Ile Ser His Ser Cys Arg Ala
20 25 30

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<212> DNA
<213> *Androctonus australis*

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tcaagatctg caggaggagg ggtgggtgct actacaagtg cactaacagg ccatactgag 180
ctcggcgagg cgaacgtgtc gacggatccg g 211

<210> 6
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<213> *Androctonus australis*

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35 40 45
Lys Cys Thr Asn Arg Pro Tyr
50 55

<210> 7
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

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<211> 72
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<220>
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aaagatggaa gc 72

<210> 9
<211> 44
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<210> 10
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<211> 93

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<213> Artificial Sequence

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<211> 9

<212> PRT

<213> Androctonus australis

<220>

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<223> Xaa = a peptide of at least one amino acid

<221> VARIANT

<222> 3

<223> Xaa = a peptide of at least five amino acids

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<222> 5

<223> Xaa = a peptide of at least five amino acids

<221> VARIANT

<222> 7

<223> Xaa = a peptide of at least three amino acids

<221> VARIANT

<222> 9

<223> Xaa = a peptide of at least one amino acid

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Xaa Cys Xaa Cys Xaa Cys Xaa Cys Xaa

1

5